

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A method of controlling access rights in a cellular mobile radio system, ~~including transfer of~~ comprising transferring roaming agreement information from a core network to a radio access network of said cellular mobile radio system, ~~in which method wherein~~ said roaming agreement information is transferred independently of ~~the management of radio access bearers at the interface between the core network and the radio access network~~ messages linked to calls or user equipments.
2. (currently amended): ~~A~~ The method according to claim 1, wherein the roaming agreement information transferred ~~in this way~~ is common to a public land mobile network (PLMN) identified by a subset of ~~the~~ an international mobile subscriber identity (IMSI) number.
3. (currently amended): ~~A~~ The method according to claim 2, wherein said ~~subsystem~~ IMSI number includes a mobile country code field (MCC) and a mobile network code (MNC) field.
4. (currently amended): ~~A~~ The method according to claim 1, wherein according to said roaming ~~agreements~~ agreement information access to a visited public land mobile network

(VPLMN) is authorized for the whole ~~PLMN~~-VPLMN or limited to certain areas of said VPLMN.

5. (currently amended): A-The method according to claim 4, wherein said certain areas of said VPLMN are areas in which ~~the~~-a home public land mobile network (HPLMN) does not-itself provide radio coverage.

6. (currently amended): A-The method according to claim 1, wherein the ~~routing~~ roaming agreement information transferred is indicated for each location area (LA).

7. (currently amended): A-The method according to claim 1, wherein said roaming agreement information is transferred in the event of modification of said information in the core network.

8. (currently amended): A-The method according to claim 1, wherein the core network is configured beforehand with said roaming agreement information.

9. (currently amended): A-The method according to claim 8, wherein said configuration is effected by operation &-and maintenance (~~O&M~~) means.

10. (currently amended): ~~A~~The method according to claim 1, wherein said roaming agreement information is stored in the core network in a database of ~~the~~a visitor location register (VLR) type.

11. (currently amended): ~~Radio access network equipment comprising means adapted to implement a method according to any one of claims 1 to 10.~~

A radio access network equipment of a cellular mobile radio system, the radio access network equipment comprising:

means for receiving roaming agreement information from a core network equipment,
wherein the roaming agreement information is received independently of messages linked to calls or user equipment.

12. (currently amended): ~~The~~ Radio~~radio~~ access network equipment according to claim 11, ~~taking the form of~~ wherein the radio access network equipment is a radio network controller (RNC).

13. (currently amended): ~~Core network equipment comprising means adapted to implement a method according to claim 1.~~

A core network equipment of a cellular mobile radio system, the core network equipment comprising:

means for transferring roaming agreement information to a radio access network equipment,

wherein the roaming agreement information is transferred independently of messages linked to calls or user equipment.

14. (currently amended): ~~The Core~~core network equipment according to claim 13, wherein, said roaming agreement information ~~being~~is stored in a visitor location register (VLR), and said core network equipment takes ~~the a~~ form of a mobile switching center (MSC) type equipment connected to a visitor location register (VLR).

15. (currently amended): ~~Core~~The core network equipment according to claim 14, wherein, said roaming agreement information ~~being~~is stored in a visitor location register (VLR), and said core network equipment takes ~~the a~~ form of a ~~serving~~Serving General Packet Radio Service (GPRS) support node (SGSN) type equipment ~~integrating which integrates~~ a visitor location register (VLR).

16. (currently amended): A mobile radio system which controls access rights in a cellular mobile radio network, comprising: ~~means adapted to implement a method according to claim 1.~~

a plurality of mobile terminals;

a core network which contains roaming agreement information;

a radio access network which communicates with the mobile terminals and the core network and manages mobility of the mobile terminals within the radio access network; and
a radio access bearer which transports user data and signals between the mobile terminal and the core network,
wherein the roaming agreement information is transferred independently of messages linked to calls or user equipment.